

Project Title: Wind-Turbine Generator for the Bayonne MUA's Oak Street Pumping Station

Recipient: Bayonne MUA

Address: 630 Avenue C, Bayonne, NJ 07002

Amount Requested: \$500,000

Project Description: Bayonne would install a 1.5 MW wind-powered generator to provide a source of renewable, clean energy to operate the Oak Street Pumping Station, the main combined sanitary-storm water pumping station serving the entire City of Bayonne.

The project would conserve energy, substantially reduce operating costs of the pumping station, and benefit the environment.

Value to Taxpayer: This critical pumping facility serves the city of Bayonne and its 61,000 residents, businesses and industries. The Bayonne MUA currently spends \$185,000 per year on electricity to operate the Oak Street Pumping Station.

Installation of the wind turbine generator would immediately reduce these annual energy costs by 46 percent, growing to a 60 percent annual energy cost savings within 9 years when the project's equipment and construction costs are totally repaid.

Annual cost savings would be invested by the Bayonne MUA in needed CSO water/storm water infrastructure improvements, producing substantial benefits for the environment and public health by mitigating contaminated CSO discharges.

Project Title: Carteret Waterfront Sewer and Water Extension

Recipient: Borough of Carteret

Address: Office of the Mayor, 61 Cooke Avenue, Carteret, NJ 07008

Amount Requested: \$494,100

Project Description: The funding would be used to extend water and sewer connectivity to Carteret Waterfront Park. The Waterfront Park has been redeveloped but has no water or sewer service. Addition ally, the pending construction of the Waterfront Marina and Ferry Terminal would further increase the need for water and sewer service at the Waterfront.

Value to Taxpayer: The project would provide sewer and water service to Waterfront Park.

Project Title: Great Swamp National Wildlife Refuge Land Acquisition Project

Recipient: New Jersey Audubon Society

Address: 11 Hardscrabble Road, Bernardsville, NJ 09724

Amount Requested: \$2,400,000

Project Description: This funding would be used to purchase an 18.31-acre parcel, known as the Great Brook Property, adjacent to the Great Swamp National Wildlife Refuge.

The parcel contains valuable wildlife habitat for rare species, including wood turtles, red-shouldered hawks and barred owls. The stream corridor, the abundance of large dead and dying trees in the floodplain, and adjacent open fields also provide prime habitats for endangered Indiana Bats, which are found throughout the Refuge in the summer. Numerous other wildlife species also benefit from the diverse habitats that are present on site.

Value to Taxpayer: This project would provide additional opportunities for public recreation and scientific research, as well as protect open space and habitat for wildlife, including endangered and threatened species.

Project Title: Supawna National Wildlife Refuge Land Acquisition Project

Recipient: New Jersey Audubon Society

Address: 11 Hardscrabble Road, Bernardsville, NJ 09724

Amount Requested: \$5,000,000

Project Description: This funding would allow for the purchase of an 80-acre parcel, known as the Sinnickson Tract, located in Pennsville Township, Salem County. The parcel is adjacent to the Supawna Meadows National Wildlife Refuge. The Refuge encompasses more than 2,200 acres and the unique habitat includes a mixture of fresh and saltwater plants and wildlife and is an important resting and feeding area for migrating waterfowl, shorebirds, and other wildlife. The property was given the highest priority ranking for grassland habitat by the New Jersey Department of Environmental Protection (NJ DEP) because it is part of a larger grassland complex within bald eagle foraging area.

In addition, the NJ DEP has designated a wetland area on this property a "priority site" because it is the location of the only known occurrence of a state-endangered plant species, floating pennywort, and is threatened by retail development nearby.

Value to Taxpayer: This project would provide additional opportunities for public recreation and scientific research, as well as protect open space and habitat for wildlife, including endangered and threatened species.

Project Title: Edwin B. Forsythe National Wildlife Refuge Land Acquisition Project

Recipient: New Jersey Audubon Society

Address: 11 Hardscrabble Road, Bernardsville, NJ 09724

Amount Requested: \$1,050,000

Project Description: This funding would be used for the acquisition of a 28.17-acre parcel adjacent to the Edwin B. Forsythe National Wildlife Refuge in central New Jersey, which provides critical habitat for migratory birds and protects the water source of the Refuge's freshwater impoundments. Expanding the existing refuge would meet a goal of the Land and Water Conservation Fund program.

Value to Taxpayer: This project would provide additional opportunities for public recreation and scientific research, as well as protect open space and habitat for wildlife, including endangered and threatened species.

Project Title: Cape May National Wildlife Refuge Land Acquisition Project

Recipient: New Jersey Audubon Society

Address: 11 Hardscrabble Road, Bernardsville, NJ 09724

Amount Requested: \$1,100,000

Project Description: This funding would be used to acquire a 30-acre parcel, known as the Russell property, adjacent to the Cape May National Wildlife Refuge. T
he property encompasses primarily uplands and forested wetlands along Bidwell Creek. The Bidwell Creek drainage basin has been identified by the county as one of its most important aquifer recharge areas. The land also provides habitat for a number of species of concern, including the barred owl, wood thrush, bald eagle, northern harrier, osprey, scarlet tanager, worm-eating warbler, Acadian flycatcher, and diamondback terrapin.

Value to Taxpayer: This project would provide additional opportunities for public recreation and scientific research, as well as protect open space and habitat for wildlife, including endangered and threatened species.

Project Title: Wallkill River National Wildlife Refuge Land Acquisition Project

Recipient: New Jersey Audubon Society

Address: 11 Hardscrabble Road, Bernardsville, NJ 09724

Amount Requested: \$900,000

Project Description: This funding would be used to acquire 86-acres of land adjacent to the Wallkill River National Wildlife Refuge. As a gateway to the Refuge, the land includes a small canyon, a stream, and excellent forest interior habitat for migratory birds and other species. In addition, the parcel would protect the Refuge's Atlantic White Cedar swamp, which adjoins the site.

Value to Taxpayer: This project would provide additional opportunities for public recreation and scientific research, as well as protect open space and habitat for wildlife, including endangered and threatened species.

Project Title: Newark Regional Water System Security

Recipient: City of Newark

Address: 920 Broad Street, Newark, NJ 07102

Amount Requested: \$2,000,000

Project Description: The City of Newark's comprehensive water storage, treatment, transmission, and distribution system is at great risk of contamination by vandels or terrorists.

It extends through Newark into the counties of Essex, Morris, Passaic, and Sussex covering 23 municipalities.

In total nearly 850,000 residents in Northern New Jersey would be affected by a contaminated water supply.

This funding would be used to construct a covered structure at the Cedar Grove Water Reservoir.

Value to Taxpayer: This project would protect the more than 850,000 residents from the health risks of drinking water from a contaminated water supply.

Project Title: 91st Street Sewer Project

Recipient: Township of North Bergen

Address: 4233 Kennedy Boulevard, North Bergen, NJ 07047

Amount Requested: \$254,940

Project Description: This funding would line sewer pipes at 91st Street to eliminate flooding due to surcharges in the sewer system. The lined sewer pipes would eliminate infiltration of ground water, thereby increasing available capacity of sewers and decreasing or eliminating flooding.

Value to Taxpayer: This project would decrease or eliminate flooding for the residents of North Bergen.

Project Title: Passaic Valley Combined Sewerage Overflow Project

Recipient: Passaic Valley Sewerage Commission (PVSC)

Address: 600 Wilson Avenue, Newark, NJ 07105

Amount Requested: \$1,000,000

Project Description: This funding would be used to expand the capacity of the Wastewater Treatment plant from 368 million gallons per day (mgd) to 700 mgd which would reduce combined sewage overflows by 332 mgd in storms and in turn reduce the amount of debris washing up on New Jersey beaches, as well as reduce the toxic compounds that affect their ability to consume fish and dispose of dredged material in NY Harbor.

Value to Taxpayer: PVSC owns and operates the third largest wastewater treatment plant in the nation. It treats wastewater from 1.3 million people in 47 municipalities and from over 250 large industries in northern New Jersey.

PVSC's Passaic River/Newark Bay Restoration Program has already significantly alleviated the pollution in the river, bay and along the New Jersey shore.

This project would allow PVSC to treat substantially more wastewater, while at the same time continuing to reduce water pollution.

Project Title: Repairs to Potable Water Reservoir

Recipient: Perth Amboy

Address: 260 High Street, Perth Amboy, NJ 08861

Amount Requested: \$500,000

Project Description: A leak was recently discovered in the 40 million gallon potable reservoir jeopardizing the structural integrity of the reservoir which could cause a possible catastrophe if the structure fails. Funding would be to repair the reservoir which supplied water to a third of the city before being taken out of service.

Value to Taxpayer: The project would benefit residents in Perth Amboy by ensuring potable water and access to adequate water supplies for fire protection.

Project Title: Replacement of Ranney Collector Well Pumps

Recipient: Perth Amboy

Address: 260 High Street, Perth Amboy, NJ 08861

Amount Requested: \$274,500

Project Description: The Ranney Collector Well is the main source of water supply for Perth Amboy. The Tennants Pond Dam is used to recharge the aquifer from which Perth Amboy takes water. This funding would replace pumps 1 and 2 with 2 stainless steel pumps and would fund cleaning of the Well.

Value to Taxpayer: The Ranney Collector Well would be able to produce an uninterrupted

supply of water to satisfy the demand of the residents of Perth Amboy and provide for fire protection.

Project Title: Ellis Island Institute Planning at Ellis Island

Recipient: Save Ellis Island, Inc.

Address: 500 International Drive, Suite 350, Budd Lake, NJ 07828

Amount Requested: \$420,000

Project Description: This project would aid the Save Ellis Island Institute to prepare market analysis, business plan, and preservation planning. This would be the next step in the process of opening up all of Ellis Island to the general public.

Value to Taxpayer: This project will help to open all of Ellis Island to the general public, ensuring that visitors can fully experience the cultural and historical aspects of the Ellis Island.

Project Title: Green Building and Sustainable Infrastructure Strategic Implementation

Recipient: Save Ellis Island, Inc.

Address: 500 International Drive, Suite 350, Budd Lake, NJ 07828

Amount Requested: \$700,000

Project Description: This funding would be used to create a sustainable approach to the future adaptive re-use of the 29 remaining buildings on Ellis Island as the Ellis Island Institute through the creation of a Green Building and Sustainable Infrastructure Strategic Implementation Plan.

Value to Taxpayer: This project would help to open all of Ellis Island in a sustainable manner to the general public, ensuring that visitors can fully experience the cultural and historical aspects of the Ellis Island.